

GP 28348



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Inventor(s) : Egan III et al.
Serial No. : 09/647,894
Group : 2834
Filed : October 6, 2000
Examiner : Mullins, Burton S.
Docket : 020358 308 P2
Title : INTEGRATED PAPER PULP
AND PROCESS MACHINERY
HAVING INTEGRATED
DRIVE AND CONTROL AND
METHODS OF USE
THEREOF

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231

November 7, 2002

(Date of Deposit)

James J. Shulman
(Typed or printed name of person mailing paper or fee)

James J. Shulman
(Signature of person mailing paper or fee)

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

 No additional fee is required.

 X The fee associated therewith has been calculated as shown below:

	Claims Remaining After Amendment		Highest Number Previously Paid For		Present Extra		Rate		Additional Fee
Total Claims	34	Minus	33	=	1	X	\$18	=	\$ 18.00
Indep. Claims	16	Minus	21	=	5	X	\$84		\$420.00

Total Additional Fee for this Amendment \$438.00

 X A check in the amount of \$438.00 is attached. The Commissioner is hereby authorized to charge any additional fees which may be required by this paper, or to credit any overpayment, to Deposit Account No. 502431. Two copies of this sheet are enclosed.

Respectfully submitted,

Wegman, Hessler & Vanderburg

By

Bruce E. Peacock

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H. Keri
11/21/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application No.: 09/647,894

Inventor(s): John J. Egan, et al.

Group Art Unit: 2834

Filed: October 6, 2000

Examiner: Burton S. Mullins

Title: Integrated Paper Pulp and Process
Machinery Having Integrated Drive
and Control and Methods of Use Thereof

Attorney No.: 020358-308P2

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TECHNOLOGY CENTER 2800AMENDMENT UNDER 37 C.F.R. 1.111

In reply to the Office Action mailed September 13, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 16 and 20 as follows:

C¹

16. (Amended) A disk refiner comprising a switched reluctance motor comprising a stator and a rotor rotatably disposed along a longitudinal axis within said stator, said rotor carrying a refiner plate, a second refiner plate positioned along said longitudinal axis and adjacent said first refiner plate, and magnetic bearings operatively associated with said stator and rotor for supporting said rotor, the disk refiner further comprising an end plate adjacent said stator and rotor and having said second refiner plate mounted thereon, and linear movement actuator means for selectively moving said second refiner plate along said longitudinal axis toward and away from said first refiner plate.

C²

20. (Amended) A disk refiner comprising a switched reluctance motor comprising a stator and a rotor rotatably disposed along a longitudinal axis within said stator, said rotor having a first end carrying a first refiner plate and a second end carrying a second refiner plate, a first end plate spaced axially from said first refiner plate and a second end plate spaced axially from said second refiner plate with said first and second end plates and said stator defining an enclosed housing, a third refiner plate mounted on said first end plate and axially spaced from said first refiner plate, a fourth refiner plate mounted on said second end plate and axially spaced from said second refiner plate, and magnetic bearings operatively associated with said stator and rotor